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Library Publishes Illustrated Book Honoring the Rosenwald Collection

The Library of Congress has recently added a new and very special publication to its list, *The Early Illustrated Book: Essays in Honor of Lessing J. Rosenwald.* Based on papers presented at a symposium sponsored by the Library's Center for the Book in 1980, it serves as a fitting tribute to one of the outstanding bibliophiles of our time.

The 11 essays are accompanied by 175 black-and-white illustrations and eight full-color plates, most of them from books in the Library's collections. *The Early Illustrated Book* also contains a foreword by John Y. Cole, executive director of the Center for the Book; a preface by William Matheson, chief of the Library's Rare Book and Special Collections Division; and an introduction by the book's editor, Sandra Hindman, associate professor of the history of art at Johns Hopkins University. Professor Hindman links the essays and illustrations with commentary on the Rosenwald Collection as a whole and relates the essays to other scholarship on the illustrated book.

The essays cover a wide range of topics, but focus on three major subjects in the history of early printing: 15th- and 16th-century Dutch and Flemish books, landscape and the illustrated book, and the illustration of Vergil's works. Distinguished scholars from several disciplines have contributed to the volume and reflect the diversity found in the Rosenwald collection itself. The book should appeal to readers interested in the history of printing, art, literature, geography, and bibliography, and inspire further investigation into the wealth of information found in this distinguished collection.

In the first section, 15th- and 16th-century Dutch and Flemish books, purchased from the library of the dukes of Arenberg, are analyzed. Diane Scillia discusses Johann Veldener's Utrecht Cutter and identifies him with the illuminator known to the art world as the Passional Master, and James Snyder considers a little-known series of hand-colored woodcuts by the Bellaert Master. Barbara Lane

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William Matheson, John Y. Cole, and Sandra Hindman in the Center for the Book with a copy of the newly published volume.

explores the relationship between pictures and text, concentrating on two imprints of a Dutch adaptation of Ludolphus's *Vita Christi*. The section concludes with Keith B. F. Moxey's commentary on the relationship of the Flemish genre of moralizing poetry to Sebastian Brant's *Ship of Fools*, within the Reformation period's social-historical context.

Landscape in the early illustrated book is the subject of the next four essays, with the concentration on 16th-century German books. These essays advance the reader's understanding of landscape as an artistic, symbolic, and topographic form in northern Europe and of the influence and arrival of western forms of landscape, through Jesuit missionaries, in China. Charles Talbot, in his essay, says that "from the mid 1480s words and pictures in travel books and historical chronicles addressed a growing interest in the appearance of this world." Karen Pearson traces the evolving relationship of cartography to literature and art in the mid-16th century. J. H. Parry points out that explorers going to the New World during the golden age of maritime discovery failed to take artists with them to record their findings. Mr. Parry, in his descriptions of the age of discovery, notes that "the explorers were more interested in working man than in the works of nature . . ." and that "they neither described nor painted, nor encouraged anyone else to paint, the landscapes they encountered." James Cahill, in his essay on the Ming Dynasty artist Chang Hung, concludes that though western landscape art was known in China and some Ming artists even emulated the techniques of European prints, "these ideas did not, in fact, sweep through Chinese painting and revolutionize it."

The final section of the book includes three essays on the subject of "Vergil and the Illustrated Book." Eleanor Winsor Leach compares Brant's illustrations in a 1502 edition of Vergil's works with the engravings of the Dryden edition in 1697, noting that "illustration would seem to assume the role of interpretation."

In a survey of the entire Rosenwald Collection, Ruth Mortimer finds that the collected editions of Vergil's *Aeneid*, and *Georgics* "can be seen to represent major developments in the philosophy and techniques of book illustration through five centuries." Appropriately, the volume concludes with a discussion of a new interpretation of the *Georgics* by artist Elfriede Abbe. Her 24 wood engravings are reproduced, along with her essay explaining their evolution.

One of the color plates in a book printed by Jacob Bellaert of Haarlem, dated 1485, is entitled "The Birds" and is part of the Rosenwald Collection. The illustration describes with surprising freshness the creatures of the air and presents a landscape depicting a variety of colorful creatures. The birds represent religious and moral symbols, such as the phoenix, of Christ's resurrection, and the owl, an evil bird of darkness, according to medieval thought.

The book's illustrations include a series from the 1509 Strasbourg edition of *Quattuor Navigationes*. Four woodcuts show explorers departing from the Old World, arriving in the new, and conversing with the natives. In the penultimate woodcut, an unwary European adventurer is shown in rapt conversation with three alluring young women, while a fourth steals up behind him with an upraised club, bent on doing in the adventurer. In the final scene, the adventurer is being cut up and prepared for cooking.

The *Library of Congress Information Bulletin* is issued weekly by the Library of Congress and distributed free of charge to publicly supported libraries and research institutions, academic libraries, learned societies, and allied organizations in the United States.

Comparable institutions and organizations in other countries may arrange to receive the *Bulletin* on the exchange basis by applying in writing to the Library's Exchange and Gift Division. All other correspondence should be addressed to the LC *Information Bulletin*, Information Office, Library of Congress, Washington, D.C. 20540.

The legacy of Lessing Rosenwald will be felt for years to come and his credo is an apt one, urging scholars to carry on the traditions of learning and research and opening new visions of our heritage. As he said, "the more one knows, the greater the enjoyment."

The 274-page, handsomely bound book includes an extensive index. *The Early Illustrated Book* is available for $50, plus $2 for shipping and handling, from the Library of Congress, Information Office, Box A, Washington, D.C. 20540, or in person from the Information Counter on the ground floor, Library of Congress Thomas Jefferson Building.

Elmar Oliveira, Robert McDonald To Perform in January 28 Concert

Violinist Elmar Oliveira and pianist Robert McDonald will play a recital on January 28 that will offer concert works by violin virtuosi Nicolò Paganini and Pablo Sarasate and sonatas by Ernest Bloch, Johannes Brahms, and Giovanni Battista Pergolesi. The concert, sponsored by the McKim Fund, will begin promptly at 8 p.m. in the Coolidge Auditorium.

Born in the United States of Portuguese immigrants, Elmar Oliveira studied the violin at the Hartt College of Music in Connecticut and at the Manhattan School of Music, where he was a student of Raphael Bronstein. At 16, he was chosen by Leonard Bernstein to appear in a nationally televised Young People's Concert with the New York Philharmonic Orchestra. The winner of numerous competitions, including the 1975 Walter W. Naumburg Chamber Music Award, Mr. Oliveira became the first American to win a Gold Medal at the 1978 International Tchaikovsky Violin Competition in Moscow. He has appeared in recital and with major symphony orchestras throughout North and South America, Europe, and Asia, and has participated in music festivals in this country and abroad, including the Casals, Ravinia, and Mostly Mozart festivals.

Robert McDonald, a graduate of Lawrence University, the Curtis Institute, and the Juilliard School, studied with Rudolph Serkin, Seymour Lipkin, and Beveridge Webster. He was the first prize winner in the Washington International Competition for Pianists, the top prize winner in the University of Maryland International Piano Competition, and a recipient of the National Federation of Music Clubs Artist Award. Mr. McDonald has appeared throughout the United States and Latin America and is currently the pianist in residence with the American String Quartet at the Taos School of Music and Chamber Music Festival in New Mexico.

The program to be performed by Messrs. Oliveira and McDonald will include the Sonata No. 12 in E major (1732–33) by Pergolesi; Ernest Bloch's Sonata No. 1 (1920); the Sonata in A major, Op. 30 , No. 1 of Brahms; Paganini's Cantabile, Op. 17; and Sarasate's *Zapateado* (from the Spanische Tanze, Op. 23, of 1880).

Tickets to the concert on January 28 will be distributed at the Washington Performing Arts Society box office, 1330 G St. N.W. (Jordan-Kitt's), beginning at 8:30 a.m. on Monday, January 24. Two tickets will be distributed to an individual, with a 25-cent service charge on each ticket. Phone orders may be placed by calling 393-4463. Mail orders are not accepted.

The concert will be broadcast live over radio station WETA–FM and made available to stations in other cities by the Public Radio Cooperative, under the auspices of the Katie and Walter Louchheim Fund in the Library of Congress.

LC Receives Additional Haig Papers

On November 9, the Library's Manuscript Division received from the U.S. Department of State 18 filing cabinets of the papers of former Secretary of State Alexander M. Haig. An earlier installment of Secretary Haig's papers was received in March 1979. The Manuscript Division holds the papers of many of Mr. Haig's predecessors, beginning with those of the first Secretary, Thomas Jefferson, and including those of recent Secretaries such as Henry Kissinger. Access to this collection is restricted.

John Knowlton, head of the Manuscript Division's Preparation Section, seals with a handshake the agreement transferring the Haig papers from Department of State security officer Richard A. Feltault, as Lt. Mathew A. Walinski, Library of Congress Special Police, looks on.

What's Going on in Sci-Tech

by John Sullivan

Would you like to know more about biofeedback or black holes? How about continental drift or fiber optics? Information resources on these subjects and many others, from acid rain and acupuncture to wind power and women in the sciences, are available through the Science and Technology Division of the Library of Congress.

Inquiries come to the division from all over the world by letter, by telephone, and in person from researchers, teachers, scholars, professional and commercial organizations, and government agencies.

Not only contemporary materials but valuable historical documents, such as first editions of Copernicus and Newton and the personal papers of the Wright brothers and Alexander Graham Bell, are among the Library's holdings in science, in addition to the large collection of technical reports held by the division. Keeping pace with the growing significance of science in people's daily lives is the need to provide the latest in scientific information.

Following the boom in scientific research after the Second World War, the Library recognized the need to establish a separate division whose sole responsibility would be to amass, categorize, store, and service the huge amounts of information related to science and the new technologies. It is the mission of the Science and Technology Division to provide reference and bibliographic assistance to interested users. The Library attempts to collect and make available information on all aspects of science and technology, with the exception of technical agriculture and clinical medicine, which are the specialities of the National Agricultural Library and the National Library of Medicine.

The division's base of operation is on the fifth floor of the John Adams Building, where reference librarians are on duty to guide readers in their research. Available in the reading room reference collection are technical dictionaries, encyclopedias, handbooks, directories, and standard reference texts in the basic sciences, as well as current issues of selected science journals and major abstracting and indexing services in the physical, earth, biomedical, and engineering sciences.

In addition to serving users directly, the division carries out research projects. Among these is the Cold Regions Bibliography Project, which publishes the *Antarctic Bibliography*, under the sponsorship of the National Science Foundation, and the *Bibliography on Cold Regions Science and Technology*, sponsored by the U.S. Army Cold Regions Research and Engineering Laboratory. Both are issued monthly with annual cumulations.

Other publications produced by the division over the years include more than 100 bibliographies, chronologies, indexes, and monographs, some of which were issued as serials, such as NASA's annual chronology, *Astronautics and Aeronautics*. Also published are a number of special publications that reflect the strength of the Library's collections in aeronautics. A sampling includes *Wilbur & Orville Wright: A Chronology Commemorating the Hundredth Anniversary of the Birth of Orville Wright* (1975), *Unidentified Flying Objects: A Selected Bibliography* (1976), and *Photographs by the Wright Brothers: Prints from the*

Science reference librarians in the Science Reading Room (left to right) Vivian Sammons, Y. Y. Liu, Pauline Hollman, and Diana Nishern

Constance Carter, head of the division's Science Reference Section, at the microfiche reader

January 17, 1983

STAFF NEWS

Linda Vizbaras Retires

Linda Vizbaras, a serials cataloger in the Serial Record Division, retired on October 29 after more than 21 years of service with the Library of Congress. Throughout her years of service, Mrs. Vizbaras remained in the Serial Record Division. Her first position in the division was as an accessioner in the Recording Section, now known as the Processing and Reference Section. Over the years, she received several promotions and held a variety of positions, the last as a serials cataloger in the English Language Serials Cataloging Section.

She was one of the recipients of a group Meritorious Service Award for her participation in a project to process more than 400,000 pieces during fiscal year 1967 in order to achieve currency in accessioning and searching operations.

On October 27, a retirement luncheon was held in her honor. Among those present were her husband, Vincas Vizbaras, and several former staff members of Serial Record Division, including her first supervisor, Mrs. William Bell. Mrs. Vizbaras' friends expressed their appreciation for her friendship over the years by presenting her with several gifts.

Mrs. Vizbaras is looking forward to the opportunity of having more free time to take advantage of the resources available at the Library.

Robert Hutton Earns 25-Year Pin

Robert W. Hutton was presented a 25-year Federal Service Award pin by Joseph H. Howard, Assistant Librarian for Processing Services, on December 2. Also attending the brief ceremony were Mary K. D. Pietris, chief, Subject Cataloging Division, Robert E. McCollum, head of the Physical Sciences Section in that division, and Mary S. Townsend, executive assistant, Processing Services.

Currently a subject cataloger in the Physical Sciences Section of the Subject Cataloging Division, Mr. Hutton earned a bachelor of arts degree in Russian studies from Haverford College in Pennsylvania in 1954 and a master's degree in east Asian geography from Columbia University in 1962. While serving with the U.S. Army in 1954–57, Mr. Hutton was assigned to the Army Security Agency with tours of duty in Japan and Korea. He was subsequently employed in 1958–59 at the National Security Agency as a crypto communications analyst and as an intelligence research analyst.

In February 1962, Mr. Hutton came to the Library of Congress as a research analyst in the former Air Research Division (now Federal Research Division). He worked in this position and later as a senior research analyst until October 1970 when he became a subject cataloger of Japanese materials in the Subject Cataloging Division. During the next several years, Mr. Hutton worked in several sections of the division before being named to his present position in September 1974.

Nutritional Food and Counseling Offered in New Cafeteria Program

The Library's food service program, administered by the Buildings Management Division and operated by ARA Services, Inc., is introducing an additional menu alternative in the cafeteria. On Monday, January 17, a new word and concept, "Physfood," makes its debut. Physfoods are menu alternatives that are identified for Library employees interested in physical fitness, weight control, salt and sugar reduction, and lower fat intake. Along with fruits, vegetables, and juices, these additional menu items can make a diet at work more enjoyable. Regular menu items will continue to be served in the cafeteria.

The alternative foods will be identified with a Physfood label (below) giving the price and caloric content of each item. The menu will normally include two sandwiches, always on whole grain or pita bread, and two salads using low calorie dressings.

Alfalfa and bean sprouts, fresh vegetables, leafy greens, lean meats, and water-packed tuna are used in the new recipes.

Additionally, as part of this program, the cafeteria will supply nutritional information and guidelines as recommended by the U.S. Departments of Agriculture and Health and Human Services. During the next seven weeks the Buildings Management Division will prepare a series of articles for publication in the LC *Information Bulletin* on these nutritional guidelines: (1) eat a variety of foods, (2) maintain ideal weight, (3) avoid too much fat, saturated fat, and cholesterol, (4) eat foods with adequate starch and fiber, (5) avoid too much sugar, (6) avoid too much sodium, and (7) if you drink alcohol, do so in moderation. Patricia Stewart, a trained dietician, will also be available near the Physfood area during lunch periods to assist staff members to increase their nutritional knowledge.

New Affirmative Action Plan For 1983–85 Is Now in Effect

The Library's first multiyear Affirmative Action Plan, covering fiscal years 1983, 1984, and 1985, was recently approved by The Deputy Librarian of Congress and is now in effect. Because this article covers only the highlights of the plan, staff members who need guidance before deciding to participate in the various programs of the plan should consult the entire document for advice. Copies of the complete plan are available in department and division offices, the Affirmative Action Office, and the Staff Training and Development Office.

In the new plan, the Library continues its policy of equal employment opportunity and affirmative action that is "more than a 'neutral' policy" whose goal is the elimination of underrepresentation of minorities and women in the Library's work force.

Target series and target series development positions will replace the career bridges program. Postings for positions in underrepresented categories will be limited to staff under guidelines very close to those of the career bridges program. In addition, the Library will, over the next two years, plan and implement opportunities in the target series that will provide wider experience and training that will prepare employees more effectively for competition for positions where underrepresentation is determined.

During this fiscal year, target series positions will be posted for the following jobs: social science analyst (101), computer specialist (334), copyright specialist (1210), librarian (1410), and technical information specialist (1412). The Library is committed to posting not less than 10 percent of the vacancies in these series in this program.

Affirmative action fellowships and the administrative detail program will be continued over the next three years with few changes from the previous program. All of the following programs are also continued with little or no change from the way they operated in fiscal year 1982: graduate cooperative education program, career counseling, supervisory training in equal employment opportunity, extended posting periods for positions in underrepresented categories, prevention of sexual harassment, and validation of personnel selection procedures.

Through the Hispanic employment program and assistance to handicapped employees, the Library will continue to try to increase the representation of Hispanics in the work force and to improve the work environment for handicapped applicants and employees. The Library will also explore the possibility of a development program for staff members with potential for supervision.

Through the affirmative action recruit program,

Library management and union representatives gathered in late October to sign the 1983–85 Affirmative Action Plan. Those present included (seated, left to right) Peter A. Galley, Eugene Walton, Josie Hawkins, and Glen A. Zimmerman; (standing, left to right) Cortez C. Austin, Jr., Rosalee Connor, Maureen Moore, Marzella Rhodes, Gladiolus Harris, Lydia Shvydky, Morrigene Holcomb, Gerald Greenwood, David Lombardo, Sylvia Cooke Martin, Lana K. Jones, and Katherine Thomas.

the Library will plan and implement a program to provide up to two years' employment for individuals in position series where underrepresentation is determined. This is a totally new element in the Library's affirmative action effort and has a significant potential for reducing underrepresentation on both a quantitative and qualitative basis.

The usual content of the Library's Affirmative Action Plan was expanded by the inclusion of the work force utilization analysis as revised April 30, 1982. The analysis indicates underrepresentation in any given job series within the Library.

Recorded Sound Moves to Madison

On January 24, the Recorded Sound Reference Center and listening facility will open in the new Performing Arts Reading Room in the Madison Building (room LM 113), providing additional services in that facility (see related article in the January 10 LC *Information Bulletin*, pp. 5–7).

This move represents a significant expansion of the area of the Library devoted exclusively to the study of sound recordings and radio. Card catalogs and a reference collection of several hundred volumes and discographies devoted to sound recordings will be readily available in the Performing Arts Reading Room.

The Recorded Sound Reference Center will be open Monday through Friday from 8:30 a.m. to 5 p.m. Sound recordings in the Library's collections may be heard, by appointment, between 9 a.m. and noon, Monday through Friday, in the Performing Arts Reading Room. Appointments are made in the Recorded Sound Reference Center, located in the south end of the reading room. It is expected that listening hours will be expanded and video viewing will be added in the spring of 1983.

Recorded sound reference and listening services will be closed the week of January 17 in order to move. Telephone reference service will be available on a limited basis the week of January 17 at 287–5509. Beginning Monday, January 24, the Recorded Sound Reference Center number will be 287–7833.

Staff Activities

Library of Congress field director in Cairo **Michael Albin** and bibliographic consultant **Saad al-Hagrassy** participated in the First International Information Conference and the associated Joint Egyptian-American Symposium on Education in Information Science, both held in Egypt. The two events were cosponsored by the American Society for Information Science and the Egyptian Society for Information Technology. At the conference, Mr. Albin read a paper entitled "The Library of Congress Overseas Offices and Bibliographic Control in the Arab Countries and Other Developing Areas."

Dr. Hagrassy was moderator at a session on "Education for Information System Design and Development" and was a leading participant in the Joint Symposium on Education. The conference and symposium were held in Cairo on December 13–15. The proceedings will be issued in the spring by the North-Holland Publishing Co.

Georgette M. Dorn, specialist in Hispanic culture in the Hispanic Division, lectured to faculty and students at the Woodrow Wilson School of Princeton University on "Latin American Scholarly Resources in the Washington, D.C., Area" on November 15. In discussing the Library of Congress, Dr. Dorn reviewed briefly the historical development of the Hispanic collections and pointed out special strengths and unusual materials which can be found in this repository. She also discussed major Latin American holdings in other Government and in university libraries in Washington, D.C.

Polish specialist **Janina W. Hoskins** and **David H. Kraus,** assistant chief, both of the European Division, attended a conference on Solidarity materials held at the University of Virginia in Charlottesville on October 17–19. The conference, organized and funded by the university's Center for Advanced Studies and the Center for Russian and East European Studies, attracted approximately 30 participants, primarily librarians from major European and North American libraries with extensive Slavic collections.

The objectives of the conference were to learn about the holdings of Solidarity materials and other uncensored Polish publications in North American and West European libraries, to establish bibliographic control of these materials, to help libraries fill gaps in their holdings, to preserve and duplicate these materials, and to make them accessible to researchers and the press. The Library of Congress collection of Solidarity and other uncensored Polish materials includes books, periodicals, documents, bulletins, cartoons, and posters, most of which are photocopies of originals held by other libraries.

On November 26, **Sylvia Lyons Render,** specialist in Afro-American history and culture in the Manuscript Division, was interviewed by a representative of National Public Radio about the symposium-concert-drama, "Jubilation in Mourning: Oh Death

Have Mercy," which took place at the Renwick Gallery of the Smithsonian Institution on November 27 in conjunction with the gallery's major exhibition, "Celebration: A World of Art and Ritual." Dr. Render, who was one of the three symposium speakers, emphasized the marked attention given to the dying and the dead by Afro-Americans, as evidenced in their collective beliefs and customs which are also reflected copiously in various art forms, especially sculpture, music, and literature. She also pointed out variant practices current in Africa which suggest an influence on black Americans which has not yet been fully recognized.

On December 3, Dr. Render, representing the Library, served as a speaker-consultant during a one-day workshop on how to organize, fund, and publicize Black History Month events, sponsored by the Black History Month Observance Committee of the national office of the Association for the Study of Afro-American Life and History at the Shiloh Baptist Church Family Life Center in northwest Washington, D.C. She mentioned some of the resources of the Library in Afro-Americana and some procedures for utilizing them.

Deanna Hammond, CRS Language Services, reports excellent Library staff participation in the Annual Seminar of the Council of Communication Societies, of which she is vice president. At the three-day gathering, the following staff members made presentations: **Michael Keplinger,** chief, Information and Reference Division, "The Use of Copyrighted Works in Data Bases and Protection of Computer Software"; **Dana Pratt,** director of publishing, "Wonderful Inventions: The Library of Congress and its Media"; **Angele Gilroy,** Economics Division, "Telecommunications Update"; **Mary Ann Keefe,** Economics Division, "Public Broadcasting: History, Organization and Funding." In addition, **Everette Larson,** Hispanic Division, and **Edward Yambrusic** Office of the Register of Copyrights attended the annual meeting of the CCS Board of Directors, as well as the seminar.

Personnel Changes

Appointments: Carol Armbruster, area specialist, GS–13, Eur, 20385; Cooper Coleman, equipment control officer, GS–11, NLS/BPH, 20560; Gene Falk, research assistant, GS–5, CRS EPW, 20503; Geraldine Gerardi, specialist in public finance, GS–15, CRS EPW, 20381; Margaret Gresh, copyright examiner, GS–9, Cop Exam, 20417; Steven Hinckley, assistant reference librarian, GS–9, LL AB, 20553; Joseph Keenan, assistant supervisor shelflist services, GS–8, Subj Cat, 20523; Latoniya Lambert, clerk/messenger, GS–3, CRS ARS, 20601; James Lewis, assistant computer room supervisor, GS–8, Com Serv, 20457; Frank Mack, paralegal specialist, GS–7, OGC, 20612; Rebecca Metcalfe, recruitment and placement specialist, GS–11, Pers, 20594; Penny Payne, clerk/typist, GS–3, Cop Lic, 20694; Anne Stewart, research assistant, GS–5, CRS EPW, 20503.

Temporary Appointments: Karen Aschiem, library aid, GS–3, E&G, NP; Karl Bates, library aid, GS–3, CDS, NP; Kristine Briggs, library aid, GS–3, NP; Verlyn Brown, searcher/editor, GS–5, NP; William Brown, library assistant, GS–5, M/B/RS, NP; Ed Carmien, library aid, GS–3, CDS, NP; Paul Cassedy, searcher/editor, GS–5, Loan, NP; Minto Clarke, assistant laboratory technician, GT–3, Photodup, 20678; Teresa Gantt, library aid, GS–1, CRS ARS, 20603; William Glancy, library aid, GS–5, CMP, NP; Mry Hanseman, library aid, GS–3, SMCD, NP; James Jackson, library aid, GS–3, Desc Cat, NP; Annette Johnson, library aid, GS–1, CRS ARS, 20603; Kira Kmetz, library aide, GS–3, CMP, NP; Theodore Labosky, camera processor and blueprint operator trainee, GT–3, Photodup, 20682; Christine McGuire, library aid, GS–3, CMP, NP; Mary McJunkin, library aid, GS–3, Desc Cat, NP; Paul Moss, reference clerk, GS–3, CRS EPW, NP; Daniel Quinlan, library aid, GS–3, CMP, NP; Renee Newsome, searcher/editor, GS–5, Loan, NP; Karen Smith, library aid, GS–1, CRS ARS, 20603; Russell Wood, library aid, GS–3, Ser Rec, NP.

Reappointment: Pamela McKinley, clerk/typist, GS–3, Bldgs, 20744.

Temporary Reappointments: Janine Miller, reference clerk, GS–3, CRS EPW, NP; Caleb Rossiter, foreign affairs analyst, GS–9, CRS F, 20611.

Promotions: Jurij Dobczansky, Eur, to subject cataloger, GS–9, Subj Cat, 20618; Thomas Fisher, Cop Reg, to staff assistant, GS–9, ELO, 20731; Charlene Patton, Cop Rec Mgmt, to secretary to the director for processing systems, networks and automation planning, GS–7, Proc APLO, 20661; Kathleen Pascale, G&M, to secretary to executive officer, GS–7, Proc, 20575.

Resignations: Claudia Adams, Ser REc; Adriane Bailey, LL AB; Lisa Bland, CRS E; Nancy Cochrane, FRD; Jocelyn Clark, E&G, Thomas Delare, FRD; Judith Fleming, Col Mgmt; Rose Gomillion, CRS C; Ailene Goodman, CMP; Winnifred Henderson, G&M; Geoffrey Johnson, CRS F; Barbara Langdon, FRD; JohnMatthews, CIP; Gailya Osborne, M/B/RS; James Perkins, ASO; Matthew Richardson, CDS; Earl Wright, P&S.

T. R. Liao, science reference librarian, and Vincent Tennant, division office manager, by shelves holding Tracer Bullets

Glass Negatives in the Library of Congress (1978).

The Science and Technology Division is also involved in many of the Library's exhibits and scholarly conferences. In recent years, the division has provided assistance in the following projects: "Marvelous Marauders," an exhibit featuring the frenzied and often misunderstood world of sharks; " 'We Have a Sporting Chance. . . .' The Decision to Go to the Moon," a 1979 exhibit commemorating the 10th anniversary of the Apollo landing; and the most recent, "Creativity," a symposium and exhibit which traced creative genius throughout history in such personalities as Michelangelo, Julius Caesar, Madame Curie, and Albert Einstein. According to division senior science specialist Leonard C. Bruno, "The division has been fortunate to be able to participate in a number of Library exhibitions. Putting together a major exhibition is but another way of exploiting the Library's collections." Dr. Bruno has been curator of three Library exhibitions and is currently working on a book about the Library's science collections which takes the reader on what he calls "a structured meander" through the science treasures. He is also working on a bibliography on the military aspects of outer space.

Senior science specialist Ruth Freitag beside a poster depicting Halley's Comet

Constance Carter, head of the Science Reference Section, typifies the enthusiasm of library staff members who believe in serving the public's needs. Answering the requests of clients ranging from journalists to government researchers, her office promotes speedier responses by providing reader assistance leaflets, vertical file and pamphlet box resources, book and referral data, monographs, journals, newspaper articles, and selected reports.

Joseph Price, chief of the Science and Technology Division

The division's *Tracer Bullet* series is another unique service that provides introductory reference and bibliographic information on topics of current and recurring interest. Major features of the *Tracer Bullets* include a list of subject headings useful in searching card, book, or computer catalogs, lists of basic texts, bibliographies, state-of-the-art reports, conference proceedings, government publications, abstracting and indexing services, and the names and addresses of organizations to contact for additional information.

An example of the esoteric queries that arise occurred during the interview with Miss Carter when she received by telephone a request for the average weight of the California gull. A printout from the Library's National Referral Center files produced the names of organizations equipped with seagull information. Eventually someone from the U.S. Fish and Wildlife Service came up with the answer: the average weight of the adult seagull is 771 grams.

Karl Green, head of the Technical Reports Section

The Technical Report Collection is described as the "leading edge" of scientific investigation by Karl Green, head of the division's Technical Report Section, which has custody of and responsibility for servicing these materials. The technical reports, most of which are generated by U.S. Government agencies or by Government-sponsored research projects, now number nearly two million. Mr. Green characterizes the reports as "science right now"—raw rather than polished. They are invaluable to readers seeking the newest findings in their field.

Mr. Green also oversees some 250,000 reports released by the Office of the Publication Board, mostly during the Second World War. These reports, known as the PB series, include captured German scientific documents such as unprocessed patent applications deposited with the German patent office during the years 1940–45. These documents came into the public domain after the war's end and are among the most frequently asked for and utilized documents in the collection. Topics of special interest today include coal metallurgy studies and refrigeration technologies.

The staff of the Science and Technology Division updates and maintains its reading room reference collections. It is also active in recommending acquisitions for the Library in all fields of science.

Another of the division's senior science specialists, Ruth S. Freitag, enjoys working on queries involving the history of science—particularly astronomy—and biographies of scientists. For example, one question addresses the kinds of copying methods available early in the 19th century. Machine-readable data bases seldom contain information old enough to be of help, and she must rely on searching skills polished through many years of experience with the Library's collections, catalogs, reference tools, other finding aids, and imaginative roundabout approaches when standard methods fail.

Although she has compiled short lists of references on megalithic astronomy, flat-earth and hollow-earth theories, and the "Jupiter effect," her chief interest for some years has been a comprehensive bibliography of Halley's Comet. Already containing more than 2,500 entries, the list "still needs work," she says, but plans are being made to publish it in time for the comet's return in 1985. The draft bibliography has already been used by several prospective authors, and the unusual pictorial material Miss

Senior science specialist Leonard Bruno

Freitag has unearthed has also been used by astronomers preparing illustrated lectures.

Joseph W. Price, chief of the division, delivers a quiet reassurance that the responsibilities of his charge will be met. He hopes to include among his accomplishments the encouragement of young scholars. He believes that appealing to the minds of future scientists should be a major thrust of the division while it pursues its goal of attracting researchers and making accessible the scientific and technological variety of the Library's collections.

The Science Reading Room, on the fifth floor of the Library's John Adams Building, is open to the public Monday through Friday from 8:30 a.m. to 9:30 p.m., on Saturdays from 8:30 a.m. to 5 p.m., and on Sundays and holidays from 1 to 5 p.m.

Authors from Germany, Hungary Record for Library's Archive

German author Benito Wogatzki visited the Library as a guest of the European Division on December 3. Following a tour of the Library, he recorded from his works for the Library's Archive of World Literature on Tape.

Mr. Wogatzki is the recipient of several prizes in literature, the most recent being the National Prize in Literature for 1982, awarded by the German Democratic Republic. Before visiting Washington, Mr. Wogatzki conducted a series of seminars at the University of Kansas on creative writing, including the production of feature films for television in the German Democratic Republic.

On December 9, Hungarian poet Éva Tóth visited the Library and recorded from her most recent works for the Library's Archive of World Literature on Tape. Mrs. Tóth is editor-in-chief of the Foreign Language Section of the Corvina Press, Budapest. Her tour of the Library included the European Division and the Poetry Office.

New Rare Book Exhibit Celebrates the Balloon

On January 17, the Rare Book and Special Collections Division opens an exhibit commemorating man's first approach to the conquest of the air. Entitled "The Balloon and Man's Will to Fly," the exhibit will mark the 200th anniversary of the Montgolfier brothers' discovery of the principle of aerostation or lighter-than-air flight. This year is also the 80th anniversary of the Wright brothers' flights at Kitty Hawk in a powered and controlled, manned heavier-than-air vessel. While dedicated to the balloon, the exhibit implicitly honors the factor common to both airplane and balloon—man's will to lift himself above the earth by the force of his own intelligence.

Some expressions of man's will to fly in myth and legend and in the early literature of fantasy and imagination begin the exhibit. A group of books in this prologue to the story of the balloon shows the increasing seriousness with which scientists from Flayder to Cavallo considered the possibility of flight. Many of the titles associated with the firsts among the earliest balloon flights came to the Library with the collection of the Tissandier brothers, who flew the first electrically propelled dirigible 100 years ago. The volume displayed of Faujas de Saint-Fond's contemporary account of the first hot air and hydrogen balloons carries the ex-libris of the great chemist Lavoisier. The copy of Jefferies' account of his crossing of the English Channel was given to Gaston Tissandier by the Jefferies family.

The balloon was brought to this country by the Frenchman Blanchard, whose account of the first American ascent shows the same combination of sangfroid and skill demonstrated later by Donaldson and Meyers in the reports of their "skylarking in cloud land" at country fairs and carnivals. The exhibit concludes with some of the commercial projects and promotions for balloon transportation advanced in this country before 1883. Americans like Wise, Lowe, Porter, and Andrews clearly envisaged balloon transportation as a challenging combination of science and adventure on the new frontier of the air.

This exhibit can be seen in the foyer of the Rare Book and Special Collections Division, room 256 on the second floor, Thomas Jefferson Building, from January 17 to April 15. The reading room is open from Monday through Friday from 8:30 a.m. to 5 p.m.

Library of Congress Publications

New Publications

The Early Illustrated Book: Essays in Honor of Lessing J. Rosenwald. ISBN 0–8444–0398–9. Washington, D.C., 1982. (xv, 261 p.) Based on a 1980 symposium sponsored by the Center for the Book and edited by Sandra Hindman. For sale for $50 plus $2 shipping and handling from the Library of Congress, Information Office, Box A, Washington, D.C. 20540, or in person from the Information and Sales Counter on the ground floor of the Jefferson Building.

Letters of Delegates to Congress. Vol. 9, February 1–May 31, 1778. ISBN 0–8444–0388–1. Washington, D.C., 1982. (xxviii, 844 p.) Edited by Paul H. Smith, Historical Publications Office, Manuscript Division. For sale for $19 from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (Stock No. 030–000–00140–1) or in person from the Information and Sales Counter, Jefferson Building.

Ongoing Publications

Accessions List: Brazil. ISSN 0095–795X. Vol. 8, No. 4. July–August 1982. Continuing subscriptions free to libraries upon request to the Field Director, Library of Congress Office, American Embassy, New Delhi, India.

Accessions List: Eastern Africa. ISSN 0090–371X. Vol. 15, No. 4. July–August 1982. Continuing subscriptions free to libraries upon request to the Field Director-LOC, American Consulate General, Abdullah Haroon Road, Karachi, Pakistan.

Accessions List: South Asia. ISSN 0271–6445. Vol. 2, No. 9. September 1982. Continuing subscriptions free to libraries upon request to the Field Director-LOC, American Embassy, New Delhi, India.

Accessions List: Southeast Asia. ISSN 0096–2341. Vol. 8, Nos. 1–2. January–February 1982. Continuing subscriptions free to libraries upon request to the Field Director-LOC, American Consulate General, Abdullah Haroon Road, Karachi, Pakistan.

Audiovisual Materials. ISSN 0190–9827. 1981 Annual Volume. (511 p.) For sale by the Cataloging Distribution Service, Library of Congress, Washington, D.C. 20541, for $85 for the 1981 subscription year.

Chinese Cooperative Catalog. (Microfiche edition) ISSN 0095–1072. January–June 1982 cumulation. Available from the Cataloging Distribution Service at a cost of $310 in a bimonthly continuously cumulative microfiche edition.

LC Science Tracer Bullet: Earth Sheltered Buildings. ISSN 0090–5232. (TB 82–3) June 1982. (8 p.) Compiled by Diana Niskern, this guide provides basic reference sources on the pros and cons of earth sheltered buildings through a review of the literature in the collections of the Library of Congress. Copies may be obtained free on request from the Library of Congress, Science and Technology Division, Science Reference Section, Washington, D.C. 20540. Copies have also been provided to the Superintendent of Documents for distribution to depository libraries.

LC Science Tracer Bullet: Gardening. ISSN 0090–5232. (TB 82–2) April 1982. (9 p.) Compiled by T. R. Liao, this guide provides basic "how-to" reference sources on gardening, through a review of the literature in the collections of the Library of Congress. Copies may be obtained free on request from the Science Reference Section, Science and Technology Division. Copies have also been provided to the Superintendent of Documents for distribution to depository libraries.

LC Science Tracer Bullet: Jet Engines and Jet Aircraft. ISSN 0090–5232. (TB 82–5) June 1982. (8 p.) Compiled by George D. Havas, this guide provides basic reference sources on the technical and historical aspects of jet engines and jet aircraft through a review of the literature in the collections of the Library of Congress. Copies may be obtained free on request from the Science Reference Section, Science and Technology Division. Copies have also been provided to the Superintendent of Documents for distribution to depository libraries.

MARC Formats for Bibliographic Data. Update No. 5/6. December 1981/March 1982. These revised pages reflect changes made to the document since the issuance of Update No. 4, September 1981. The 1982 subscription price for the quarterly update service is $50. It should be noted that the basic text is supplemented by these updates. For sale by the Cataloging Distribution Service.

Monographic Series. ISSN 0096–8802. 1981 Annual Cumulation. Vol. 1, A–C (726 p.) Vol. 2, D–K (791 p.) Vol. 3, L–R (758 p.) Vol. 4, S–Z (785 p.) For sale by the Cataloging Distribution Service at a cost of $230 for the 1981 annual cumulation.

Monographic Series. ISSN 0093–0571. July–September 1982. (516 p.) For sale by the Cataloging Distribution Service at a cost of $250 for the 1982 subscription year.

The Musical Mainstream. ISSN 0364–7501. Vol. 6, No. 5. September–October 1982. This bimonthly magazine contains original articles, reprints from national music periodicals, and a list of additions of music collections of interest to blind and physically handicapped musicians. Free on request from the National Library Service for the Blind and Physically Handicapped, Library of Congress, Washington, D.C. 20542.

National Union Catalog. ISSN 0028–0348. 1981 Annual Cumulation. Part 1: A-Benoit, R (980 p.) Part 2: Benoit, S-Carey, M (1,022 p.) Part 3: Carey, N-Coull (1,022 p.) Part 4: Coulm-Empire (1,022 p.) For sale by the Cataloging Distribution Service at $1,375 for the 1981 annual cumulation.

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